

2875
DP

AMTH-101US

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: 10/536,821
Applicant: Andrew Douglas Bankhead
Filed: May 27, 2005
Title: SURFACE PROFILING APPARATUS
TC/A.U.: 2875
Examiner:

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
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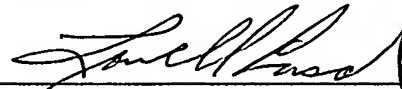
Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO/SB/08A and PTO/SB/08B submitted herewith. A copy of U.S. Patent Application No. 10/507,837 and all of the "Foreign Patent Documents" and the "Non-Patent Literature Documents" listed on the PTO/SB/08A and PTO/SB/08B are enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being filed before mailing of the first Official Action. No first Official Action has yet been received and it is presumed that none has yet been mailed. Therefore, no fee or statement is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,



Christopher R. Lewis, Reg. No. 36,201
Lowell L. Carson, Reg. No. 45,548
Attorneys for Applicant

LLC/lrb

Enclosures: PTO/SB/08A and PTO/SB/08B
Copy of thirteen (13) references

Dated: October 27, 2005

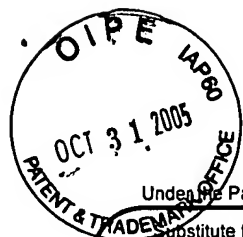
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Lisa Bennett



PTO/SB/08A (07-05)

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**INFORMATION DISCLOSURE
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(Use as many sheets as necessary)

SHEET 1 of 2

Complete if Known

Application Number	10/536,821
Filing Date	
First Named Inventor	Andrew D. Bankhead
Art Unit	2875
Examiner Name	
Attorney Docket No.	AMTH-101US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (If known)			
	1	US-10/507,837 (filed 5/23/05)		Bankhead et al.	
	2	US-2003/0117632-A1	06-26-2003	Golini et al.	
	3	US-6,552,806-B1	04-22-2003	Swinford et al.	
	4	US,6,545,761-B1	04-08-2003	Aziz et al.	
	5	US-2003/0011784-A1	01-16-2003	De Groot et al.	
	6	US-6,345,107-B1	02-05-2002	Scott	
	7	US-2001/0050773-A1	12-13-2001	De Groot et al.	
	8	US-6,215,555-B1	04-10-2001	Chivers	
	9	US-6,191,862-B1	02-20-2001	Swanson et al.	
	10	US-6,084,671	07-04-2000	Holcomb	
	11	US-6,031,928	02-29-2000	Scott	
	12	US-6,028,670	02-22-2000	Deck	
	13	US-5,907,404	05-25-1999	Marron et al.	
	14	US-5,706,085	01-06-1998	Blossey et al.	
	15	US-5,355,221	10-11-1994	Cohen et al.	
	16	US-5,321,501	06-14-1994	Swanson et al.	
	17	US-5,112,129	05-12-1992	Davidson et al.	
	18	US-4,845,356	07-04-1989	Baker	
	19	US-4,818,110	04-04-1989	Davidson	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)				
	20	WO-2004/048886-A1	06-10-2004	Taylor Hobson Limited		
	21	WO-01/42735-A1	06-14-2001	Oti Ophthalmic Technologies, Inc.		<input type="checkbox"/>
	22	WO-94/18523	08-18-1994	Zygo Corporation		<input type="checkbox"/>
	23	WO-93/16631	09-02-1993	Phoenix Laser Systems, Inc.		<input type="checkbox"/>

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶Applicant is to place a check mark here if English language translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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First Named Inventor	Andrew Douglas
Art Unit	2875
Examiner Name	
Attorney Docket No.	AMTH-101US

SHEET 2 of 2

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	24	FRIEDHEIM BECKER et al., "Automatic evaluation of interferograms," <i>SPIE</i> , Vol. 359, Applications of Digital Image Processing IV (1982), pp. 386 - 393.	<input type="checkbox"/>
	25	LAWRENCE MERTZ, "Real-time fringe-pattern analysis," <i>Applied Optics</i> , Vol. 22, No. 10, 15 May 1983, pp. 1535 - 1539.	<input type="checkbox"/>
	26	KATHERINE CREATH, "Step height measurement using two-wavelength phase-shifting interferometry," <i>Applied Optics</i> , Vol. 26, No. 14, 15 July 1987, pp. 2810 - 2815.	<input type="checkbox"/>
	27	PETER de GROOT et al., "Three-dimensional imaging by sub-Nyquist sampling of white-light interferograms," <i>Optic Letters</i> , Vol. 18, No. 17, September 1, 1993, pp. 1462 - 1464.	<input type="checkbox"/>
	28	BHARAT BHUSHAN et al., "Measurement of surface topography of magnetic tapes by Mirau interferometry," <i>Applied Optics</i> , Vol. 24, No. 10, 15 May 1985, pp. 1489 - 1497.	<input type="checkbox"/>
	29	PAUL F. FORMAN et al., "The Zygo interferometer system," <i>SPIE</i> , Vol. 192, Interferometry (1979), pp. 41 - 48.	<input type="checkbox"/>
	30	KIERAN G. LARKIN, "Topics in Multi-dimensional Signal Demodulation," A Thesis Submitted to the Faculty of Science in the University of Sydney, December 2000.	<input type="checkbox"/>
	31	BYRON S. LEE et al., "Profilometry with a coherence scanning microscope," <i>Applied Optics</i> , Vol. 29, No. 26, 10 September 1990, pp. 3784-3788.	<input type="checkbox"/>
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**TRANSMITTAL
FORM**

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Total Number of Pages in This Submission 5*

Application Number	10/536,821
Filing Date	May 27, 2005
First Named Inventor	Andrew Douglas Bankhead
Art Unit	2875
Examiner Name	
Attorney Docket No.	AMTH-101US

ENCLOSURES (Check all that apply)

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment/Reply
 - ☐ After Final
 - ☐ Affidavits/Declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/
Incomplete Application
 - ☐ Response to Missing Parts
under 37 CFR 1.52 or 1.53

- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a
Provisional Application
- ☐ Power of Attorney, Revocation,
Change of Correspondence
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- ☐ Terminal Disclaimer
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 - ☐ Landscape Table on CD

- ☐ After Allowance Communication
to TC
- ☐ Appeal Communication to Board
of Appeals and Interferences
- ☐ Appeal Communication to TC
(Appeal Notice, Brief, Reply
Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please
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Copy of thirteen (13) references

Remarks:

*The total number of pages listed above does not include the number of pages of the references submitted along with the Information Disclosure Statement.

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Firm Name	RatnerPrestia		
Signature			
Printed Name	Lowell L. Carson		
Date	October 27, 2005	Registration No.	48,548

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